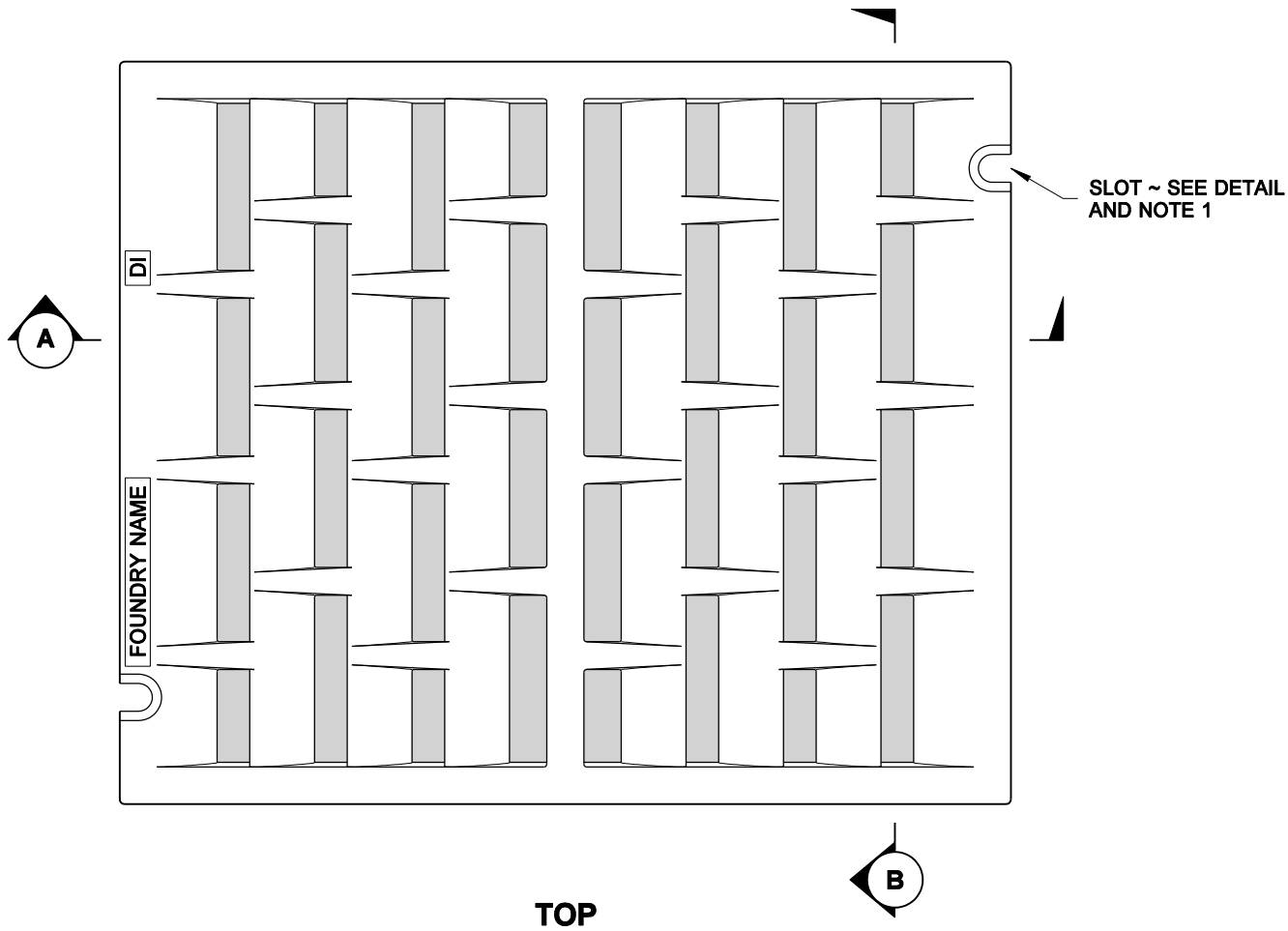
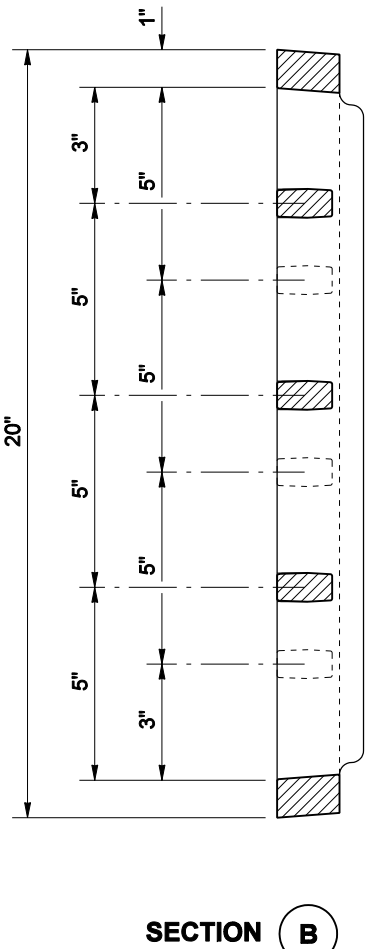


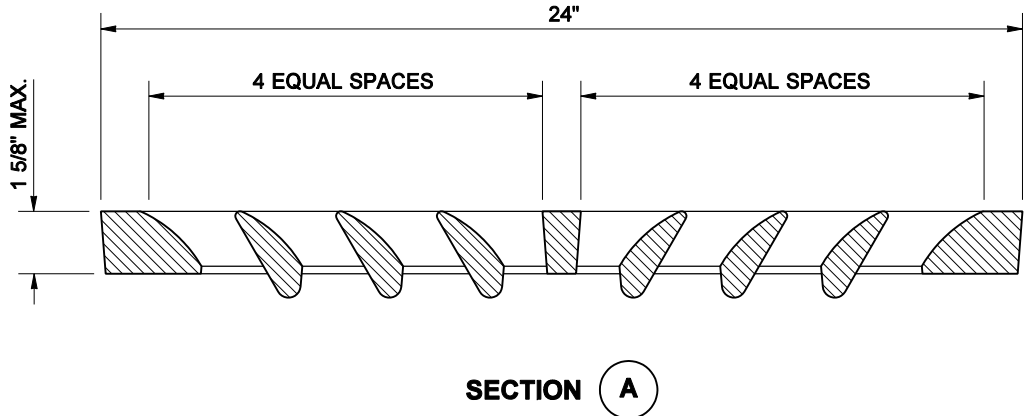
NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.



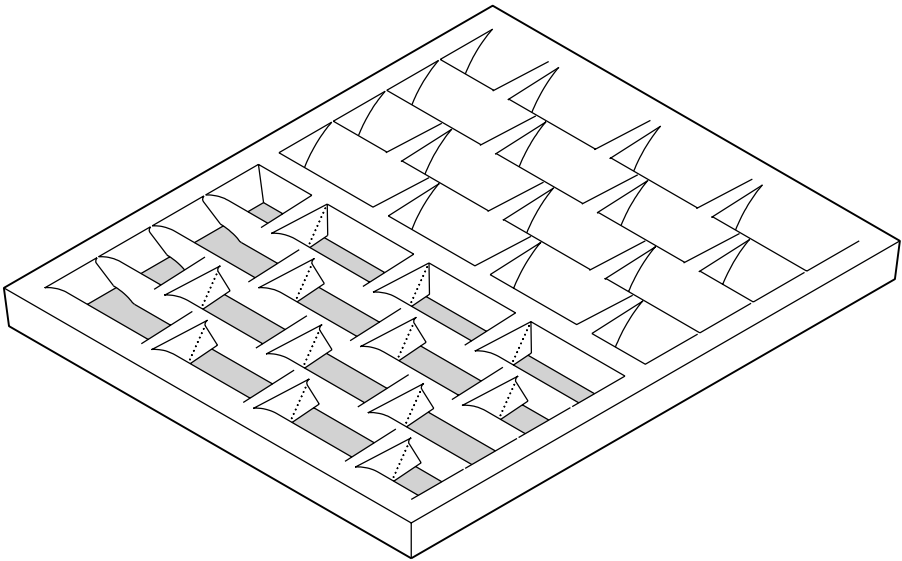
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SECTION B



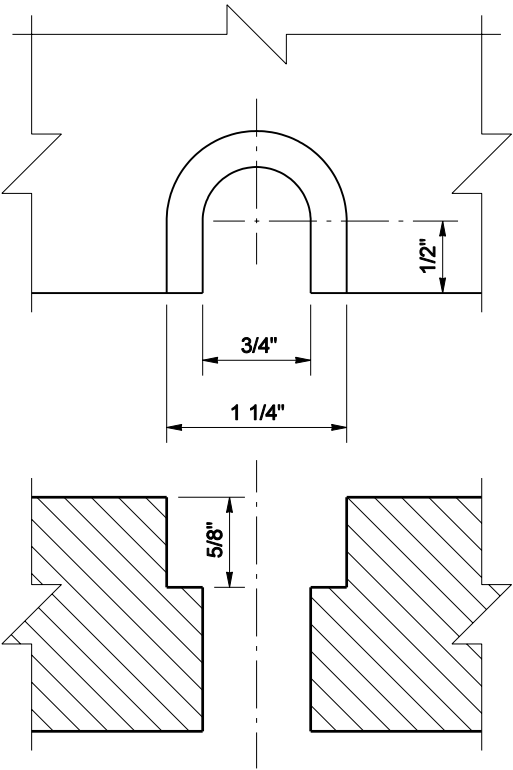
SECTION A



ISOMETRIC

NOTES

- 1. When bolt-down grates are specified in the Contract, provide two slots in the grate that are vertically aligned with the holes in the frame. Location of bolt-down slots varies among different manufacturers.
- 2. Refer to Standard Specification 9-05.15(2) for additional requirements.
- 3. For Frame details, see Standard Plan B-30.10.



BOLT-DOWN SLOT DETAIL  
SEE NOTE 1



EXPIRES JULY 1, 2007

**RECTANGULAR  
BI-DIRECTIONAL  
VANED GRATE  
STANDARD PLAN B-30.40-00**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

**Harold J. Peterfeso** 06-01-06

STATE DESIGN ENGINEER

DATE



Washington State Department of Transportation